

ABSTRACT OF THE DISCLOSURE

An object of the present invention is to provide a routing control device and method of generating routing control information whereby the function of connected transfer devices can be more simplified and more efficient, and routing information can be grasped appropriately. A communication system includes a plurality of transfer devices R1-R6 and a routing control device. Each of the transfer devices R1-R6 is physically connected with the routing control device and transmits the topology information (link information and metric information) possessed individually to the routing control device. The routing control device has a routing control information generating unit that generates routing control information collectively based on routing information such as the topology information transmitted from the transfer devices R1-R6. The routing control information generating unit generates a routing control table for all of the transfer devices that transmitted routing information thereto. The routing control device transmits information contained in the routing control table to the transfer devices R1-R6 and the transfer devices R1-R6 control sending and receiving of packets in accordance with the information transmitted thereto.